



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3278-041
Job Sheet 179488



Part No: D3278-041

Job Qty: 20 ea

Part Name: Support Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/19/18

Job Tracking No:

Due Date: 7/6/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C IPP: A 04.04.19 New issue KJ/JLM IPP B 07.08.21 Chg rivet per PAR185 EC Verified by: JLM
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea	7/6/18	7/6/18	0.00	0.00	Start Up Small Fab-2		JUL 17 2018
100	Small Fab	20 pcs	7/6/18	7/6/18	0.00	0.80	Small Fab-3		
110	QC	20 pcs	7/6/18	7/6/18	0.00	0.00	QC5		
120	Small Fab	20 pcs	7/6/18	7/6/18	0.00	0.80	Small Fab-3		
130	QC	20 pcs	7/6/18	7/6/18	0.00	0.00	QC5		
140	Packaging	20 pcs	7/6/18	7/6/18	0.00	0.00	Packaging3-1		JUL 17 2018
150	QC21-SA	20 Ea	7/6/18	7/6/18	0.00	0.00	QC21		

Part Op 100 - Rivet spacers with support as per Dwg D3278.

Descriptions: 110 - QC5- Inspect part completeness to step on W/O

120 - Assemble support as per Dwg D3278. ***DO NOT TIGHTEN BOLTS*** Identify as D3278-041

130 - QC5- Inspect part completeness to step on W/O

140 - Identify as per dwg & Stock Location:

150 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-13A	Bolt	40 Ea (2 ea)	90-Start up Operation	5067892 x24 5090712x8 5000662 x8
D2230-1	Mounting Lug	40 Ea (2 ea)	90-Start up Operation	5080387
MS21042L4	Nut	40 Ea (2 ea)	90-Start up Operation	5089365
NAS1149D0463J	Washer	80 Ea (4 ea)	90-Start up Operation	5025075 x16 5062379x 64
D3278-1	Support	20 Ea (1 ea)	100-Small Fab	5070870x12 5090492x8
D3278-2	Support	20 Ea (1 ea)	100-Small Fab	5070867x11 5067609x7
D3278-3	Spacer	20 Ea (1 ea)	100-Small Fab	
MS20426AD3-6	Rivet	80 Ea (4 ea)	100-Small Fab	FM133988

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-13A	40	917	0
	D2230-1	40	201	0
	MS21042L4	40	2,323	0
	NAS1149D0463J	80	4,044	0
100-Small Fab	D3278-1	20	40	0
	D3278-2	20	50	0
	D3278-3	20	28	0
	MS20426AD3-6	80	528	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Pov ☐ Foli ☐ Gra ☐ We ☐ Wr ☐ Ou ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		
OTHER : ☐			Wrong ☐ imensions ☐ er tolerance ☐ rect ☐ Missing ☐ ed ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		

Container No: S092071
 Part: D3278 - 041
 Job No: 179488
 Serial No/Batch: S092071
 Revision:
 Inspector:
 Exp Date:
 Instructions:
 Date: 07/16/18

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 CANADA
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Part Specifications

Specifications could not be found.

Plex 6/19/18 3:10 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					